

**Project Status Report**



**Project Name:** Forecasting Module for Revenue Management Using Artificial Intelligence Techniques

**Department:** SoCIT



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Katelyn Anne S. Calma | Project Manager |
| Eugene B. Delfin | Project Developer |
| Shania Soleil G. Reyes | Project Developer |
| Kaila Mae G. Roguel | Project Developer |
| Jim Jemarc P. Castillo | Project Developer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Change Description** |
| 1.0 | 06/08/17 | Katelyn Anne S. Calma | Document created |
| 2.0 | 06/12/17 | Katelyn Anne S. Calma | * Revision of Research Paper * Weekly Consultation with Adviser |
| 3.0 | 06/19/17 | Katelyn Anne S. Calma | * Backward Propagation * Optimization Model * Genetic Algorithm |
| 4.0 | 06/26/17 | Katelyn Anne S. Calma | * Event Table * Use Case Diagram * Further Research |
| 5.0 | 07/03/17 | Katelyn Anne S. Calma | * Event Table * Use Case Definition * Use Case Diagram * Further Research * Comparative Study * Deployment Diagram * Object Diagram * Activity Diagram |
| 6.0 | 07/10/17 | Katelyn Anne S. Calma | * Class Diagram * Timing Diagram * State Diagram * Communication Diagram * Sequence Diagram * Composite Structure Diagram * Component Diagram * Package Diagram * Interaction Diagram |

**TABLE OF CONTENTS**

[1 PROJECT STATUS REPORT PURPOSE 3](#_Toc77392557)

[2 PROJECT STATUS REPORT TEMPLATE 3](#_Toc77392558)

[2.1 Project Status Report Details 3](#_Toc77392559)

[2.2 Project Status Report Template 3](#_Toc77392560)

[3 PROJECT STATUS REPORT APPROVALS 3](#_Toc77392561)

[4 APPENDICES 3](#_Toc77392562)

[4.1 Document Guidelines 3](#_Toc77392563)

[4.2 Project Status Report Sections Omitted 3](#_Toc77392564)

# PROJECT STATUS REPORT PURPOSE

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.



# PROJECT STATUS REPORT TEMPLATE

## Project Status Report Details

The proponents are applying Object Oriented (OO) Development in the Agile Movement of their project. Hence, understanding the 13 UML diagrams is an important part of understanding OO development. According to *The Object Primer 3rd Edition*, these diagrams define the standard modelling artifacts when it comes to object technology.

* The first draft of all the 13 UML diagrams of the project has been finished.
  + These diagrams show the scope of the project and their proposed system. This includes the distribution of the budget created by the General Management along with the entry of data from the Sales Department and the company’s existing Property Management Software (PMS) – Opera. It also defines the generation of reports such as *Daily Revenue Report, Room Segmentation,* and *Annual Flash Report*.
  + The group submitted the 4 diagrams that they had finished in advance last Wednesday (July 5, 2017). These four diagrams were the (1)Use Case diagram, (2)Deployment diagram, (3)Object diagram and (4)Activity diagram. It was during this time that the group also accomplished their (5)Class diagram.
  + The group submitted their second batch of diagrams last Friday (July 7, 2017). The second batch of UML diagrams was consisted of the (6) Timing diagram, (7) State diagram, (8)Communication diagram, and (9)Sequence diagram.
  + Lastly, the group has accomplished the remaining 4 diagrams due this coming Wednesday (July 12, 2017). The remaining four diagrams are the (10)Composite Structure diagram, (11)Component Diagram, (12)Package diagram, and the (13)Interaction diagram.
* The group has accomplished all 13 UML diagrams. However, there is a chance that these diagrams are incorrect. Having incorrect diagrams would be a major drawback on their project.
* The group has decided to stick with their initial scope. They no longer plan to rush their project so that they may finish the initial scope by the 9th week of the current term. This eliminates the issue of the group being pressed for time.
* The group is exerting their best effort in accomplishing the tasks at hand. They study thoroughly the lecture material in their SYSADD class especially the lecture about UML diagrams. They are also working on mitigating issues and risks that can affect the project with the help of their project adviser and professors.

## Project Status Report Template

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Katelyn Anne S. Calma | Date:  07/10/17 | Reporting Period:  07/03/17 to 07/10/17 |
| Project Overall Status:  The proponents are applying Object Oriented (OO) Development in the Agile Movement of their project. Hence, understanding the 13 UML diagrams is an important part of understanding OO development. They have now accomplished these 13 diagrams. | | |
| Project Summary:  Since the last reporting period, the group met with their project adviser again. their adviser said that they should just focus on their initial scope because that was the agreement. This is beneficial to the group as they do not need to rush their work anymore and could focus on the tasks at hand. They also asked their adviser, Sir Boogie, if he could go over their UML diagrams. He suggested to get Sir Jacob Catayoc as a second project adviser because UML diagrams are one of his fortes. Sadly, when the group presented Sir Jake with the project adviser form, he declined because he already handles 6 thesis groups this term. However, he welcomed the group to consultations with him. He is available for consultation on Fridays -5:30 pm onwards and on 11:30-1:30 pm and 5:30 pm onwards on Saturdays. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | **Milestone Deliverables** | **Due Date** | **% Completed** | **Deliverable Status** | | UML Diagrams | | | | | * Use Case Diagram | 07/05/17 | 100% | Ahead of Schedule | | * Deployment Diagram | 07/05/17 | 100% | Ahead of Schedule | | * Object Diagram | 07/05/17 | 100% | Ahead of Schedule | | * Activity Diagram | 07/05/17 | 100% | Ahead of Schedule | | * Class Diagram | 07/05/17 | 100% | On Schedule | | * Timing Diagram | 07/07/17 | 100% | On Schedule | | * State Diagram | 07/07/17 | 100% | On Schedule | | * Communication Diagram | 07/07/17 | 100% | On Schedule | | * Sequence Diagram | 07/07/17 | 100% | On Schedule | | * Composite Structure Diagram | 07/12/17 | 100% | Ahead of Schedule | | * Component Diagram | 07/12/17 | 100% | Ahead of Schedule | | * Package Diagram | 07/12/17 | 100% | Ahead of Schedule | | * Interaction Diagram | 07/12/17 | 100% | Ahead of Schedule | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | **Milestone Deliverables** | **Due Date** | **% Completed** | **Deliverable Status** | | Consultation Day | | | | | * A.I Techniques | 07/12/17 | 0% | On Schedule | | * UML Diagrams | 07/15/17 | 0% | On Schedule | | Final Revision of UML Diagrams | | | | | * Use Case Diagram | 07/16/17 | 0% | On Schedule | | * Object Diagram | 07/16/17 | 0% | On Schedule | | * Deployment Diagram | 07/16/17 | 0% | On Schedule | | * Activity Diagram | 07/16/17 | 0% | On Schedule | | * Class Diagram | 07/16/17 | 0% | On Schedule | | * Timing Diagram | 07/16/17 | 0% | On Schedule | | * State Diagram | 07/16/17 | 0% | On Schedule | | * Communication Diagram | 07/16/17 | 0% | On Schedule | | * Sequence Diagram | 07/16/17 | 0% | On Schedule | | * Composite Structure Diagram | 07/16/17 | 0% | On Schedule | | * Component Diagram | 07/16/17 | 0% | On Schedule | | * Package Diagram | 07/16/17 | 0% | On Schedule | | * Interaction Diagram | 07/16/17 | 0% | On Schedule | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The 13 UML diagrams have been accomplished. These diagrams are composed of the (1) use case diagram, (2) deployment diagram, (3) object diagram, (4) activity diagram, (5) class diagram, (6) state diagram, (7) communication diagram, (8) sequence diagram, (9) timing diagram, (10) composite structure diagram, (11) component diagram, (12) package diagram, and (13) interaction diagram. | The group has accomplished all 13 UML diagrams. Although they listened during the class lecture and reread the lecture material, there is a chance that the diagrams may be incorrect or in need of improvement. | | | |
|  | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Risk and Description** | **Risk Chance** | **Risk Impact** | **Risk Priority** | **Change from Last Review** | | Accomplished Diagrams may be incorrect | Medium | High | High | The group has accomplished all 13 UML diagrams. Although they listened during the class lecture and reread the lecture material, there is a chance that the diagrams may be incorrect or in need of improvement. This poses as a high-risk impact because major revisions on all 13 diagrams is lengthy work and would require a lot of time. If they do not accomplish the revisions by the next reporting period, they might fall behind schedule. | | | |
| **Project Issue Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Issue and Description** | **Project Impact** | **Target Due Date** | **Issue Status** | **Issue Resolution** | | Initial Scope may not be accomplished by the 9th week of this term   * Automation of reports * Forecasting Module | Low | 07/31/17 | Closed | Recall that the group met with the client, Sir Neil, last June 28, 2017. He suggested that if it was possible that we finished the initial scope by the 9th week of this term – July 31, 2017, he would add more modules to our system. There was no commitment from the group although they said that they would try to finish the initial scope by July 31. During the previous week’s consultation with their project adviser, their adviser said that they should just focus on their initial scope because that was the agreement. This was beneficial to the group as they do not need to rush their work anymore and could focus on the tasks at hand. | | | |
| **Project Recommendations**   |  | | --- | | The project will be completed on time as long as the group follows the schedule. Rest assured that the group is exerting their best effort in accomplishing the tasks at hand. They study thoroughly the lecture material in their SYSADD class especially the lecture about UML diagrams. They are also working on mitigating issues and risks that can affect the project with the help of their project adviser and professors. | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | For the next project status review, the group will have gathered information on how Artificial Intelligence can be applied in their project from the scheduled consultation with their adviser on July 12, 2017. They will have a long discussion about AI techniques. Furthermore, the group should be able to finalize all of their 13 UML diagrams by the next reporting period. They should take into consideration the comments made by their professor and information gathered from consulting with another professor. | | | |
| **Related Project Information**   |  | | --- | | * 13 UML Diagrams * All 13 UML Diagrams can viewed in Forecast Module-1 Plan in Planner, Forecast Module-1 repository in GitHub and Forecast Module-1 board in Trello. | | | |



# PROJECT STATUS REPORT APPROVALS

**Prepared by** \_\_Katelyn Anne S. Calma\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Manager

**Approved by** \_Sir Ernesto “Boogie” C. Boydon\_\_\_\_\_\_\_

Project Advisor

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Client Sponsor



# APPENDICES

## Document Guidelines

## Project Status Report Sections Omitted

